

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		223538
Client Reference No.		304864.01
First Inventor	Kun Tan	
Title		METASPACE: COMMUNICATION MIDDLEWARE FOR PARTIALLY CONNECTED MOBILE AD HOC NETWORKS
Express Mail Label No.		EV 331351040 US

22278 US PTO  
10/664354  
09/17/03

<b>APPLICATION ELEMENTS</b>		Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Utility Patent Application Transmittal Form</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 32]</p> <p>4. <input checked="" type="checkbox"/> Drawings [Total Sheets 6]</p> <p>5. <input checked="" type="checkbox"/> Combined Declaration and Power of Attorney [Total Pages 2]</p> <p>a. <input checked="" type="checkbox"/> Newly executed</p> <p>b. <input type="checkbox"/> Copy from prior application [Note Box 6 below]</p> <p>i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application</p> <p>6. <input type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference.</p> <p>7. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>9. Nucleotide and/or Amino Acid Sequence Submission</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper Copy</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>		<b>ACCOMPANYING APPLICATION PARTS</b>
		<p>10. <input type="checkbox"/> Applicant requests early publication. (include publication fee under 37 CFR 1.18(d))</p> <p>11. <input checked="" type="checkbox"/> Assignment Papers (cover sheet and document(s))</p> <p>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an Assignee)</p> <p>13. <input type="checkbox"/> Power of Attorney</p> <p>14. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)</p> <p>    <input checked="" type="checkbox"/> Form PTO-1449</p> <p>    <input checked="" type="checkbox"/> Copies of Listed Documents</p> <p>16. <input type="checkbox"/> Preliminary Amendment</p> <p>17. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized)</p> <p>18. <input type="checkbox"/> Claim of Priority &amp; Certified Copy of Priority Document(s)</p> <p>19. <input type="checkbox"/> Request &amp; Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months)</p> <p>20. <input type="checkbox"/></p>
<p>21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of prior application no. _____</p> <p>Prior application information: Examiner _____ ; Group Art Unit: _____</p>		

<b>BASIC FEE</b>			\$750.00
CLAIMS			NUMBER FILED
Total Claims	18	-20=	0
Independent Claims	6	- 3=	3
<input type="checkbox"/> Multiple Dependent Claim if applicable			+\$280.00
Total of above calculations =			\$1,002.00
Reduction by 50% for filing by small entity =			\$( )
<input checked="" type="checkbox"/> Assignment fee if applicable			+\$40.00
<input type="checkbox"/> Early publication fee if applicable			+\$300.00
TOTAL =			\$1,042.00

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 223538
Client Reference No. 304864.01

22.  Please charge my Deposit Account No. 12-1216 in the amount of \$1,042.00.

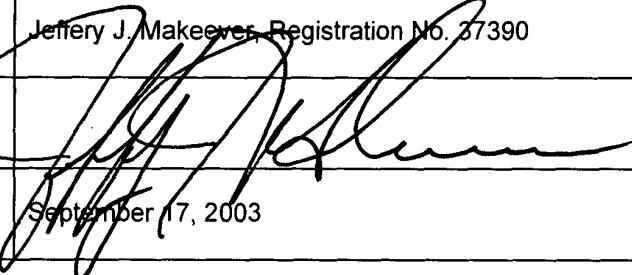
23.  A check in the amount of \$ is enclosed.

24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:

- Fees required under 37 CFR 1.16.
- Fees required under 37 CFR 1.17.

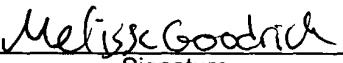
25.  The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time.

## 26. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 23460	<input type="checkbox"/> , Reg. No. Leydig, Voit & Mayer, Ltd. 6815 Weaver Road, Suite 300 Rockford, Illinois 61114-8018 (815) 963-7661 (telephone) (815) 963-7664 (facsimile)
Name	Jeffery J. Makeever, Registration No. 37390
Signature	
Date	September 17, 2003

## Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Melissa Goodrich		September 17, 2003
Name of Person Signing	Signature	Date